

To: Peter Butler[butlerpeter2@gmail.com]
Cc: Mark Rudolph[mark.rudolph@state.co.us]; Way, Steven[way.steven@epa.gov]; Brent Lewis[b1lewis@blm.gov]; Kirstin Brown[Kirstin.Brown@state.co.us]; Larry Perino[larry.perino@kinross.com]; Thomas, Rebecca[Thomas.Rebecca@epa.gov]
From: Michael Schultz
Sent: Wed 5/25/2016 9:07:51 PM
Subject: Re: Response from ARSG

Thanks Peter. Please keep us in mind if you are looking for any solutions to tricky dewatering problems. If you run across any situations and wonder if horizontal drilling might be feasible, we can take a look and let you know what would be possible. Our drilling isn't always the best answer, but many times it can provide unique solutions that are much better in the long run.

Michael Schultz
Business Development Manager
REI Drilling, Inc.
Mobile: (801) 231-1189
Fax: (801) 281-2880

On May 24, 2016, at 9:57 AM, Peter Butler <butlerpeter2@gmail.com> wrote:

Michael – I was interested to see that you drilled from below to intercept a mine pool as opposed to from above.

Yes, there will be a lot of work done in the Bonita Peak Mining District in the coming years. I'm forwarding your email to several people who might be interested in your directional drilling techniques. They are much more likely to utilize your services than I would be.

I see you are based in Salt Lake City, so you're not too far away.

Peter Butler

970-259-0986

Cell 970-317-0584

From: Michael Schultz [<mailto:mschultz@reidrilling.com>]
Sent: Friday, May 20, 2016 1:17 PM
To: Peter Butler
Subject: Re: Response from ARSG

Hi Peter,

I wanted to do a quick check in again. Saw the EPA's proposed addition of the Bonita Peak Mining District as a Superfund site. Is there a lot of discussion about this? Seems like it would be a great thing and would bring some additional funding to help clean up more mine sites in your area.

Also, I've attached a PDF showing a fairly simple drawing of the concept we've done in the past for similar acid mine drainage projects (including one project in PA that we won a reclamation award for). I was reviewing our previous emails and didn't see any drawings that I'd forwarded, so I wanted to send this your way for future reference.

It shows the general approach where we use horizontal directional drilling to avoid touching the mine seals at all. Also allows for gravity drainage, pressure/water level measurements, and for the system to be completely contained from mine-to-pond for treatment.

Regards,

Michael Schultz

Business Development Manager

REI Drilling, Inc.

Phone: 801-231-1189

Email: mschultz@reidrilling.com

From: Michael Schultz
Sent: Wednesday, December 23, 2015 1:20:29 PM
To: Peter Butler
Subject: Re: Response from ARSG

Hi Peter,

Thanks for getting back to me. Just curious, did they do vertical drilling to determine water level like a peizometer? Or was it horizontal where they could actually measure water pressure on a wellhead?

Rei's primary application with these situations would be to gravity drain the mine pool through a horizontal borehole so that you don't even need to alter the mine portal seals. We have a lot of experience with these kind of punchouts into abandoned mines, so it's something we are well suited for.

Our company is based out of Salt Lake, but we do work all over the country including at the coal mines up near Paonia just north of you. Southwestern Colorado is relatively near where we are and would be quick to mobilize to.

Thanks again for getting back to me. Happy Holidays,

Michael Schultz

Field Operations Manager, Mining Engineer

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On Dec 22, 2015, at 5:06 PM, Peter Butler <butlerpeter2@gmail.com> wrote:

Michael – Thanks for your note.

The Animas River Stakeholders Group has previously helped an owner of a mine site drill behind a collapse in front of an adit to determine water pressure at a location about 3 miles from the Gold King. Unfortunately, EPA did not do so at the Gold King mine.

I do not see the need for any drilling at mine sites in the near future in our area. However, please send me your contact information and where you are located so if the need arises, I have it handy.

Thanks.

Peter Butler

970-259-0986

<AMD Example, Typical Profile.pdf>